

□ Hollow fibre **membrane** filter **cleaning** - by blowing non-oxidative gas with **cleaning** water into the **membrane** .

L20 ANSWER 113 OF 121 WPINDEX COPYRIGHT 2002 DERWENT INFORMATION LTD  
AN 1988-210053 [30] WPINDEX  
DNC C1988-093927  
DC J01  
PA (HITA) HITACHI LTD  
CYC 1  
PI JP 63147506 A 19880620 (198830)\* 6p  
ADT JP 63147506 A JP 1986-294857 19861212  
PRAI JP 1986-294857 19861212  
AN 1988-210053 [30] WPINDEX  
AB JP 63147506 A UPAB: 19930923

Method of **cleaning** hollow fibre **membrane** filter comprises blowing gas with cleaning water into inside or outside of the membrane, so fine particulates adhering to the surface of the membrane are purged out with the cleaning water. Non-oxidative gas is used as the gas. The gas is nitrogen, carbon dioxide, inert or hydrogen **gas**. Cleaning **water** is made to **flow** from the inside to the outside of the membrane by the pressure of the **gas**. Cleaning **water** is made to **flow** the from the inside to the outside of the membrane and then from the outside to the inside of the membrane.

ADVANTAGE - In the conventional cleaning using air, positive ions and ultra-fine particulates are oxidised and deposited on inner surface of the membrane, resulting in a decline of filterability. In the present method, because the non-oxidative gas is used instead of air, the deposition of oxidised matter on the inner surface of the membrane does not occure, so the **cleaning** of the **membrane** can be performed well.

0/8